

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/771,620A

Source: ITUP

Date Processed by STIC: 6/2/05

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:55

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw

3 <110> APPLICANT: Graff, Jonathan M.  
 4 Deborah, Ferguson A.  
 5 Zang, Qun  
 6 Spencer, Jeffrey A.  
 8 <120> TITLE OF INVENTION: MARKERS FOR DIAGNOSING AND TREATING BREAST AND OVARIAN  
 CANCER  
 10 <130> FILE REFERENCE: UNI919/4-8US  
 12 <140> CURRENT APPLICATION NUMBER: US 10/771,620A  
 13 <141> CURRENT FILING DATE: 2004-02-04  
 15 <160> NUMBER OF SEQ ID NOS: 12  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 2545  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 24 <400> SEQUENCE: 1  
 25 atccaataca ggagtgactt ggaactccat tctatcacta tgaagaaaaa tgggtgttctt 60  
 27 ttcctcttgg gcatcatctt gctgggtctg attggagtgc aaggaacccc agtagtgaga 120  
 29 aagggtcgct gttcctgcat cagcaccaac caagggacta tccacctaca atccttgaaa 180  
 31 gaccttaaac aatttgcccc aagcccttcc tgcgagaaaa ttgaaatcat tgctacactg 240  
 33 aagaatggag ttcaaacatg tctaaaccca gattcagcag atgtgaagga actgattaaa 300  
 35 aagtgggaga aacaggtcag ccaaaagaaa aagcaaaaaga atgggaaaaa acatcaaaaa 360  
 37 aagaaaagttc tgaaagttcg aaaatctcaa cgttctcgtc aaaagaagac tacataagag 420  
 39 accacttcac caataagtat tctgtgttaa aaatgttcta ttttaattat accgctatca 480  
 41 ttccaaagga ggatggcata taatacaaa gcttattaat ttgactagaa aatttaaaac 540  
 43 attactctga aattgtaact aaagttagaa agttgatttt aagaatccaa acgttaagaa 600  
 45 ttgttaaagg ctatgattgt ctttgttctt ctaccaccca ccagttgaat ttcatcatgc 660  
 47 ttaaggccat gatttttagca ataccatgt ctacacagat gttcacccaa ccacatccca 720  
 49 ctcaaacag ctgcctggaa gagcagccct aggcctccac gtactgcagc ctccagagag 780  
 51 tatctgaggc acatgtcagc aagtcctaag cctgtagca tgctggtgag ccaagcagtt 840  
 53 tgaaattgag ctggacctca ccaagctgct gtggccatca acctctgtat ttgaatcagc 900  
 55 ctacaggcct cacacacaat gtgtctgaga gattcatgct gattgttatt gggatatcacc 960  
 57 actggagatc accagtgtgt ggctttcaga gcctcctttc tggctttgga agccatgtga 1020  
 59 ttccatcttg cccgctcagg ctgaccactt tatttctttt tgttcccctt tgcttcattc 1080  
 61 aagtcagctc ttctccatcc taccacaatg cagtgccttt cttctctcca gtgcacctgt 1140  
 63 catatgctct gatttatctg agtcaactcc tttctcatct tgtccccaac accccaacaga 1200  
 65 agtgctttct tctcccaatt catcctcact cagtccagct tagttcaagt cctgcctctt 1260  
 67 aaataaacct ttttggacac acaaattatc ttaaaactcc tgtttcactt ggttcagtac 1320  
 69 cacatgggtg aacactcaat ggtaactaa ttcttgggtg tttatcctat ctctccaacc 1380  
 71 agattgtcag ctcttgagg gcaagagcca cagtatattt ccctgtttct tccacagtgc 1440  
 73 ctaataatac tgtggaacta ggttttaata attttttaat tgatgttgtt atgggcagga 1500  
 75 tggcaaccag accattgtct cagagcaggt gctggctctt tcctgggtac tccatgttgg 1560  
 77 ctagcctctg gtaacctctt acttattatc ttcaggacac tcaactacagg gaccagggat 1620  
 79 gatgcaacat ccttgtcttt ttatgacagg atgtttgctc agcttctcca acaataagaa 1680

## RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:55

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw

```

81 gcacgtggta aaacacttgc ggatattctg gactgttttt aaaaaatata cagttttaccg 1740
83 aaaatcatat aatcttiaca tgaaaaggac tttatagatc agccagtgc caaccttttc 1800
85 ccaaccatac aaaaattcct tttcccgaag gaaaagggct ttctcaataa gcctcagctt 1860
87 tctaagatct aacaagatag ccaccgagat ccttatcgaa actcatttta ggcaaatatg 1920
89 agtttttattg tccgtttact tgtttcagag tttgtattgt gattatcaat taccacacca 1980
91 tctcccatga agaaagggaa cgggtgaagta ctaagcgcta gaggaagcag ccaagtcggt 2040
93 tagtggaagc atgattgggtg cccaggttagc ctctgcagga tgtggaaacc tccttccagg 2100
95 ggagggttcag tgaattgtgt aggagaggtt gtctgtggcc agaatttaaa cctataactca 2160
97 ctttcccaaa ttgaatcact gctcacactg ctgatgattt agagtgtgtg ccggtggaga 2220
99 tcccacccga acgtcttctc taatcatgaa actccctagt tccttcatgt aacttccctg 2280
101 aaaaatctaa gtgtttcata aatttgagag tctgtgaccc acttaccttg catctcacag 2340
103 gtagacagta tataactaac aaccaaagac tacatattgt cactgacaca cagttataa 2400
105 tcattttatca tatatataca tatatgcata cactctcaaa gcaaataatt tttcacttca 2460
107 aaacagtatt gacttgata ccttgtaatt tgaaatattt tctttgttaa aatagaatgg 2520
109 tatcaataaa tagaccatta atcag 2545

```

112 &lt;210&gt; SEQ ID NO: 2

113 &lt;211&gt; LENGTH: 125

114 &lt;212&gt; TYPE: PRT

115 &lt;213&gt; ORGANISM: Homo sapiens

117 &lt;400&gt; SEQUENCE: 2

```

119 Met Lys Lys Ser Gly Val Leu Phe Leu Leu Gly Ile Ile Leu Leu Val
120 1 5 10 15
123 Leu Ile Gly Val Gln Gly Thr Pro Val Val Arg Lys Gly Arg Cys Ser
124 20 25 30
127 Cys Ile Ser Thr Asn Gln Gly Thr Ile His Leu Gln Ser Leu Lys Asp
128 35 40 45
131 Leu Lys Gln Phe Ala Pro Ser Pro Ser Cys Glu Lys Ile Glu Ile Ile
132 50 55 60
135 Ala Thr Leu Lys Asn Gly Val Gln Thr Cys Leu Asn Pro Asp Ser Ala
136 65 70 75 80
139 Asp Val Lys Glu Leu Ile Lys Lys Trp Glu Lys Gln Val Ser Gln Lys
140 85 90 95
143 Lys Lys Gln Lys Asn Gly Lys Lys His Gln Lys Lys Lys Val Leu Lys
144 100 105 110
147 Val Arg Lys Ser Gln Arg Ser Arg Gln Lys Lys Thr Thr
148 115 120 125

```

151 &lt;210&gt; SEQ ID NO: 3

152 &lt;211&gt; LENGTH: 4669

153 &lt;212&gt; TYPE: DNA

154 &lt;213&gt; ORGANISM: Homo sapiens

156 &lt;400&gt; SEQUENCE: 3

```

157 tttttattat tgctgttatt gaggttgagg gagaagagat cgggtctaaat tctggctggg 60
159 taagtggggg gattctcggc gatgagaaac gggggactta gaagccggag gaaaatcagc 120
161 agccccacat ctccacttct ccagtcgcc ctactctcca cccgtgacct ccagtggaga 180
163 cccaggcgcg cagcatcagt atttgatcgg cccttcgtca gcacgctgcc agccctggcc 240
165 ggctgggttc gccaggcatc acccgctcgg ctctgaagcg gacgcctggc cctgcacggg 300
167 gctttggaag gacctctct gcgctcgccc cctccccagg gtggctcgcg tttcgagccc 360
169 gggcgcgggc cccaccatgc cgggctgcct gcggctcgcg ctgctctgcg cgctgccctg 420
171 gctcctgctg gcggcgctgc cggggcaccc ggcgaaatcc cccaggcagc ccccggcacc 480

```

## RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:55

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw

173	gcgcccgcgac	cccttcgacg	ctgccagggg	cgccgatttc	gatcatgtct	acagcggggg	540
175	ggtgaacctc	agcaccgaga	acatctactc	tttcaactac	accagccagc	ccgaccagg	600
177	gacagccgtg	aggggtgtatg	tgaacagttc	ctctgagaat	ctcaactacc	cggtccttgt	660
179	tgtggttcgc	cagcagaaag	aggtgctgtc	ctggcagggt	cctctgctct	tccaaggact	720
181	ataccagagg	agctacaatt	atcaagaagt	gagccgcacc	ttatgtccct	cagaagcaac	780
183	caatgagacg	ggacccttgc	agcaactgat	atttgtagat	gtcgcaccca	tggcaccct	840
185	gggtgctcag	tacaaactgc	tagttacca	gctgaagcac	ttccagctcc	ggacaaatgt	900
187	tgcctttcac	tttactgcc	gcccctctca	acctcagtat	tttctatata	agtttcccaa	960
189	agacgtggac	tcagttatca	ttaaagtgg	gtctgaaatg	gcttatccat	gttctgttgt	1020
191	ctcagtcagg	aatatcatgt	gcccgtgtga	tgatctcgac	cacaatgtgg	aatttaattg	1080
193	tgtctatcag	tccatgacca	agaaagctgc	catcacgcta	cagaagaagg	attttccagg	1140
195	cgagcagttc	ttcgtggtat	ttgtgataaa	gcctgaagat	tatgcctgtg	gaggatcttt	1200
197	cttcacccag	gaaaaggaaa	accagacctg	gaatctacag	cgaaaaaaga	accttgaagt	1260
199	gaccattgtc	ccttccatta	aagaatctgt	ttatgtgaaa	tccagtcttt	tcagtgtctt	1320
201	catcttcctg	tccttctact	tgggatgcct	tcttgttggg	tttgttcatt	atctgaggtt	1380
203	tcagagaaaa	tccattgatg	gaagctttgg	gtccaatgat	ggctctggaa	atatggtggc	1440
205	atctcatccc	attgctgcca	gcacaccgga	aggagcaat	tatgggacaa	tagatgagtc	1500
207	aagctccagt	cctggaaggc	agatgtcctc	ctccgatgg	gggccaccgg	gccagtcaga	1560
209	cacagacagc	tccgtggagg	agagcgactt	cgacaccatg	ccagacattg	agagtataa	1620
211	aaacatcatc	cggaccaaga	tgttccttta	cctgtcagat	ttgtccagga	aggaccggag	1680
213	aattgtcagc	aaaaaatata	aaatttat	ttggaacatc	atcaccattg	ctgtgtttta	1740
215	cgcgctgccc	gtgatccagc	tggatcattac	ctatcagaca	gtggtaaatg	tactggcaa	1800
217	ccaggacatc	tgttactaca	acttctctg	tgtcaccctc	ttgggcgtcc	tgagtgcctt	1860
219	caacaacatt	ctcagcaatc	tgggccacgt	gcttctgggc	ttcctcttcc	tgctgatagt	1920
221	cttgcgccgc	gacatcctcc	atcgagagc	cctggaagcc	aaggacatct	ttgctgtgga	1980
223	gtacgggatt	cccaaacact	ttggtctctt	ctacgctatg	ggcattgcat	tgatgatgga	2040
225	aggggtgctc	agtgttctg	accatgtctg	ccctaattat	tccaacttcc	gattcgacac	2100
227	ctccttcatt	tacatgatcg	ctggcctgtg	catgtcgaag	ctctatcaga	cccgccacc	2160
229	agacatcaat	gccagcgctc	actctgccta	tgcctccttt	gctgtggtca	tcatggtcac	2220
231	cgtccttgga	gtgggtgtttg	gaaaaaatga	cgatgtgttc	tgggtcatct	tctctgcaat	2280
233	ccacgttctg	gcctcgctag	ccctcagcac	ccagatatat	tatatgggtc	gtttcaagat	2340
235	agatttgagg	attttccggc	gggctgccat	ggtgttctac	acagactgta	tccagcagtg	2400
237	tagccgacct	ctatatatgg	atagaatggt	gttgcgtggt	gtggggaatc	tgggttaactg	2460
239	gtccttcgcc	ctctttggat	tgatataaccg	ccccagggac	tttgcttctc	acatgctggg	2520
241	catcttcac	tgtaaccttt	tgtgtacct	ggccttttac	atcatcatga	agctccgcag	2580
243	ctctgaaaag	gtcctccag	tcccgtctt	ctgcacgtg	gccaccgctg	tgatgtgggc	2640
245	tgccgcccta	tattttttct	tccagaatct	cagcagctgg	gagggaaactc	cggccgaatc	2700
247	ccgggagaag	aaccgcgagt	gcattctgct	ggatttcttc	gatgaccatg	acatctggca	2760
249	cttcctctct	gctactgctc	tgtttttctc	attcttgggt	ttgttaactt	tggatgatga	2820
251	ccttgatgtg	gttcggagag	accagatccc	tgtcttctga	acctccaaca	ttaagagagg	2880
253	ggagggagcg	atcaatcttg	gtgctgtttc	acaaaaatta	cagtgaccac	agcaaagtaa	2940
255	ccactgccag	atgctccact	caccctctgt	agagccaact	ctgcattcac	acaggaagga	3000
257	gaggggctgc	gggagattta	aacctgcaag	aaaggaggca	gaaggggagc	catgttttga	3060
259	ggacagacgc	aaacctgagg	agctgagaaa	cacttgctcc	ttccatctgc	agctttggga	3120
261	gtgcaacagg	gataggcact	gcacccaagt	caactcacca	tcttgggggc	cctcccaccc	3180
263	tcacggagac	ttgccagcaa	tggcagaatg	ctgtgcaca	cttccctcca	gttgtcacc	3240
265	tgccgccaaa	ggccagcagc	ttggacttcc	tgcccgaaa	ctgtgttggc	ccccttcaca	3300
267	cctctgcaac	acctgctgct	ccagcaagag	gatgtgattc	tttgaatat	ggcggggagg	3360
269	tgaccccagg	ccctgcccta	ctgggataga	tgttttaatg	gcaccagcta	gtcacctccc	3420

## RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:55

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw

```

271 agaagaaact ctgtacattt cccccagggt tctgatgcca tcagaagggc tcaggagtgg 3480
273 ggtttgtcac acattcctct taacaagtaa ctgtcactgg gaccgagtcc tgggtgctta 3540
275 catattcctt cgtgtcttca tctcactgac ctgtgtggac ctcatcactc tgactctgcc 3600
277 ttcttggaag ggccctgtca ctccacagat gtctggccag cttcaaggca gaaggaaaaa 3660
279 caggaaaagc tcttttaaca gcagcaggaa caagagaaat gactaaccat actaaaagac 3720
281 tggtaacagc agcagcagcc agacaggcct caccttaagg acttgggctg ccagagcaaa 3780
283 ttcagcagag cttatttggc ctccatttca cacagctcag ttctgtgccc acatcacctt 3840
285 tggggaagaa atcagcattc taatcaggga cactacttca ggagtcctcc acagcgagtc 3900
287 cgtcatctgt cactttatgt agatcagggt tctagacttc ttccctgagg ttctcagaag 3960
289 cagctctcag gatgaacgta ttgtcctctt cccctcttct tgcaaagtgc acagctaata 4020
291 taatgttgtc tctcggttgc acctgacatt ctctccccag taaggtgttg gcaagctcag 4080
293 catctgggtt ccactctcac actgtctggc agctctgtgt ctgagaagtt ctacattgac 4140
295 caggccccct tgttgccctg agtatgacgt aatcagaaaa tagacgtata aatgtgcaca 4200
297 tgcgtatgta ttgtcttgtg aaattaaagt cactcttgc ctctgctttc ctgatcattc 4260
299 gttagagaaa tggatcagac atttttttaa attattattc ttctctctaa ctatttgcac 4320
301 tgtgttcaaa aacccatttt agaagtttga acagcaagct ttctctgatt ttaaaaaaac 4380
303 aaagttgctt tcaatgaaat attttgtgat ttttttaaag tccccaaatg tgtacttagc 4440
305 cttctgttat tccttattct ttaagcagtg ttggcttcca ttgaccatat gaaggccacc 4500
307 aattaaatgg ttgtgttaat ccaacatgta aaaaaacttt tggcagggca cagtggctca 4560
309 cgcctgtaat cccaaagtgc tggaaatttac aggtaggacc accacacttg gtccacttac 4620
311 ttataataaa cattgatttg gtcgttaaaa aaaaaaaaaa aaaaaaaaaa 4669
314 <210> SEQ ID NO: 4
315 <211> LENGTH: 4595
316 <212> TYPE: DNA
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 4
320 tttttattat tgctgttatt gaggttgagg gagaagagat cgggtctaat tctggctggg 60
322 taagtggggg gattctcggc gatgagaaac gggggactta gaagccggag gaaaatcagc 120
324 agccccacat ctccacttct ccagtccgcc ctactctcca ccogtgacct ccagtggaga 180
326 cccagggcgg cagcatcagt atttgatcgg cccttcgtca gcacgctgcc agccctggcc 240
328 ggctgggttc gccaggcatc acccgctcgg ctctgaagcg gacgcctggc cctgcaccgg 300
330 gctttggaag gacctctct gcgctcgccc cctcccagg gtggctccgc ttctgagccc 360
332 gggcgcgggc ccaccatgc gcggtgcct gcggtcgcg ctgctctgcg cgctgccctg 420
334 gctcctgctg gcggcgctgc ccgggcaccc ggcgaaatcc ccaggcgag ccccggcacc 480
336 gcgcgcggac cccttcgacg ctgccagggg gcgcgatttc gatcatgtct acagcggggt 540
338 ggtgaacctc agcaccgaga acatctactc tttcaactac accagccagc ccgaccaggt 600
340 gacagccgtg aggggtgatg tgaacagttc ctctgagaat ctcaactacc cggtccttgt 660
342 tgtggttcgc cagcagaaag aggtgctgtc ctggcagggt cctctgctct tccaaggact 720
344 ataccagagg agctacaatt atcaagaagt gagccgcacc ttatgtccct cagaagcaac 780
346 caatgagacg ggacccttgc agcaactgat attttagat gtcgcatcca tggcaccctt 840
348 ggggtgctcag taaaaactgc tagttaccaaa gctgaagcac ttccagctcc ggacaaatgt 900
350 tgcccttcac ttacttgcca gccctctca acctcagtat ttctataca agtttcccaa 960
352 agacgtggac tcagttatca ttaaagtggg gtctgaaatg gcttatccat gttctgttgt 1020
354 ctcagtccag aatatcatgt gcccggtgta tgatctcgac cacaatgtgg aatttaatgg 1080
356 tgtctatcag tccatgacca agaaagctgc catcacgcta cagaagaagg attttccagg 1140
358 cgagcagttc ttcgtggtat ttgtgataaa gcctgaagat tatgcctgtg gaggatcttt 1200
360 cttcatccag gaaaaggaaa accagaccctg gaatctacag cgaaaaaaga accttgaagt 1260
362 gaccattgtc ccttccatta aagaatctgt ttatgtgaaa tccagtcctt tcagtgctct 1320
364 catcttctct tccttctact tgggatgcct tcttgttggg tttgttcatt atctgaggtt 1380

```

## RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:55

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw

366	tcagagaaaa	tccattgatg	gaagcttttg	gtccaatgat	ggctctggaa	atatggtggc	1440
368	atctcatccc	attgctgcca	gcacacccga	agggagcaat	tatgggacaa	tagatgagtc	1500
370	aagctccagt	cctggaaggc	agatgtcctc	ctccgatggt	gggccaccgg	gccagtcaga	1560
372	cacagacagc	tccgtggagg	agagcgactt	cgacacccatg	ccagacattg	agagtataa	1620
374	aaacatcatc	cggaccaaga	tgttccttta	cctgtcagat	ttgtccagga	aggaccggag	1680
376	aattgtcagc	aaaaaatata	aaatttattt	ttggaacatc	atcaccattg	ctgtgtttta	1740
378	cgcgctgccc	gtgatccagc	tggatcattac	ctatcagaca	tgccttcaac	aacatttcta	1800
380	gcaatctggg	ccacgtgctt	ctgggcttcc	tcttcctgct	gatagtcttg	cgccgcgaca	1860
382	tcctccatcg	gagagccctg	gaagccaagg	acatctttgc	tgtggagtac	gggattccca	1920
384	aacacttttg	tctcttctac	gctatgggca	ttgcattgat	gatggaaggg	gtgctcagtg	1980
386	cttgctacca	tgtctgccct	aattattcca	acttccgatt	cgacacctcc	ttcatgtaca	2040
388	tgatcgctgg	cctgtgcatg	ctgaagctct	atcagaccgg	ccaccagac	atcaatgcca	2100
390	gcgcctactc	tgcctatgcc	tcttttgcctg	tggtcatcat	ggtcaccgtc	cttggagtgg	2160
392	tgtttggaaa	aaatgacgta	tgggtctggg	tcatcttctc	tgcaatccac	gttctggcct	2220
394	cgctagccct	cagcaccag	atatattata	tgggtcgttt	caagatagat	ttgggaattt	2280
396	tccggcgggc	tgccatggtg	ttctacacag	actgtatcca	gcagtgtagc	cgacctctat	2340
398	atatggatag	aatggtgttg	ctggttgttg	ggaatctggt	taactggtcc	ttcgccctct	2400
400	ttggattgat	ataccgcccc	agggactttg	cttctctacat	gctgggcac	ttcatctgta	2460
402	accttttgct	gtacctggcc	ttttacatca	tcatgaagct	ccgcagctct	gaaaaggctc	2520
404	tcccagtcct	gctcttctgc	atcgtggcca	ccgctgtgat	gtgggctgcc	gccctatatt	2580
406	ttttcttcca	gaatctcagc	agctgggagg	gaactccggc	cgaatccggg	gagaagaacc	2640
408	gcgagtgcac	tctgctggat	ttcttcgatg	accatgacat	ctggcacttc	ctctctgcta	2700
410	ctgctctgtt	tttctcattc	ttggttttgt	taactttgga	tgatgacctt	gatgtggttc	2760
412	ggagagacca	gatccctgtc	ttctgaacct	ccaacattaa	gagaggggag	ggagcgatca	2820
414	atcttggtgc	tgtttcacaa	aaattacagt	gaccacagca	aagtaaccac	tgccagatgc	2880
416	tccactcacc	ctctgtagag	ccaactctgc	attcacacag	gaaggagagg	ggctgcggga	2940
418	gatttaaac	tgcaagaaag	gaggcagaag	gggagccatg	ttttgaggac	agacgcaaac	3000
420	ctgaggagct	gagaaacact	tgctccttcc	atctgcagct	ttgggagtgc	aacagggata	3060
422	ggcactgcat	ccaagtcaac	tcaccatctt	ggggtccctc	ccaccctcac	ggagacttgc	3120
424	cagcaatggc	agaatgctgc	tgcacacttc	cctccagttg	tcaccctgcc	cagaaaggcc	3180
426	agcagcttgg	acttcctgcc	cagaaactgt	gttggccccc	ttcacacctc	tgcaaacctt	3240
428	gctgctccag	caagaggatg	tgattcttta	gaatatggcg	gggagggtgac	cccaggccct	3300
430	gccctactgg	gatagatgtt	ttaatggcac	cagctagtca	cctcccagaa	gaaactctgt	3360
432	acatttcccc	cagggttctg	atgccatcag	aagggtctcag	gagtggggtt	tgtcacacat	3420
434	tcctcttaac	aagtaactgt	cactgggacc	gagtcctggg	tgcttacata	ttccttcgtg	3480
436	tcttcatctc	actgacctgt	gtggacctca	tactctgac	tctgccttct	tggaaaggcc	3540
438	ctgtcactcc	acagatgtct	ggccagcttc	aaggcagaag	gaaaaacagg	aaaagctctt	3600
440	ttaacagcag	caggaacaag	agaaatgact	aaccatacta	aaagactggg	aacagcagca	3660
442	gcagccagac	aggcctcacc	ttaaggactt	gggctgccag	agcaaatcca	gcagagctta	3720
444	tttggcctcc	cattcacaca	gctcagttct	gtgcccacat	cacctttggg	gaagaaatca	3780
446	gcatttctaat	cagggacact	acttcaggag	tctccacag	cgagtccgtc	atctgtcact	3840
448	ttatgtagat	cagggttcta	gacttcttcc	ctgaggttct	cagaagcagc	tctcaggatg	3900
450	aacgtattgt	cctcttcccc	tcttcttgca	aagtgcacag	ctaattctaat	gttgtctctc	3960
452	ggttgacact	gacattctct	ccccagtaag	gtgttggtgca	gctcagcatc	tgggttccac	4020
454	tctcacactg	tctggcagct	ctgtgtctga	gaagttctac	attgaccagg	cccccttggt	4080
456	gcctggagta	tgacgtaatc	agaaaataga	cgtataaatg	tgcacatgcg	tatgtatttg	4140
458	cttgtgaaat	taaagtcacc	tcttgccctc	gctttcctga	tcattcggtta	gagaaatgga	4200
460	tcaggcatctt	ttttaaatata	ttattctttc	tctaaactat	ttgcattgtg	ttcaaaaacc	4260
462	catttttagaa	gtttgaacag	caagcttttc	ctgatttttaa	aaacacaaaag	ttgctttcaa	4320

VERIFICATION SUMMARY

DATE: 06/02/2005

PATENT APPLICATION: US/10/771,620A

TIME: 09:07:56

Input Set : A:\UNI919-4-8US.txt

Output Set: N:\CRF4\06022005\J771620A.raw